

# Pesticide Treatment Workshop: Protecting Hemlock Trees from Hemlock Woolly Adelgid (HWA) and Elongate Hemlock Scale (EHS)

April 27, 2023

Penitentiary Glen Reservation

8668 Kirtland Chardon Rd., Kirtland, OH 44094

9:00-9:30am	<b>Registration</b>
9:30-10:00am	<b>Introduction and HWA &amp; EHS Biology &amp; History</b> – Tom Macy, ODNR Division of Forestry
10:00-11:00am	<b>Core: Applying Insecticides Safely</b> – Mikayla Heydt and Stephanie Downs, ODNR Division of Forestry
11:00-11:15am	Break
11:15am-12:00pm	<b>Ornamental Pest: HWA &amp; EHS Treatment Techniques and Effectiveness</b> – Derrick Cooper, The Nature Conservancy, Josh Phillips, Cleveland Metroparks, and Mike Watson, Holden Forests & Gardens
12:00-12:45pm	Lunch
12:45-1:00pm	Short hike to field site
1:00-3:15pm	<b>Forest Pest: Hemlock Pest Survey and Treatment Methods</b> – Rotating outdoor stations (45 min. each): <ul style="list-style-type: none"><li>• <b>Pesticide Application: Soil Drench &amp; Bark Spray</b> – Mikayla Heydt and Roger Hendershot, ODNR Division of Forestry, Chad Knisely and Mike Watson, Holden Forests &amp; Gardens, and Tom Koritansky, Lake Metroparks</li><li>• <b>Pesticide Application: Trunk Injection</b> – Stephanie Downs and Lauren Godfrey, ODNR Division of Forestry, and Derrick Cooper, The Nature Conservancy</li><li>• <b>Hemlock Pest Survey &amp; Inventory</b> – Tom Macy, ODNR Division of Forestry, Connie Hausman, Cleveland Metroparks, and Becah Troutman, Holden Forests &amp; Gardens</li></ul>
3:15-4:00pm	<b>Hike out &amp; wrap-up &amp; evaluation</b>

Presentations and supporting documents available here:  
<https://app.box.com/s/pecomh6d2v1afaglzbsgdo19bzt2zksj>

